

CENTRAL INTELLIGENCE AGENCY  
INFORMATION FROM  
FOREIGN DOCUMENTS OR RADIO BROADCASTS

50X1-HUM

CD NO.

SUPPLEMENT TO  
REPORT NO.

THIS IS UNEVALUATED INFORMATION

Kongop Chisik, organ of the North Korea Federation for the Advancement of Industrial Technology.

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Our mission, as it was made clear by Premier Kim Il-song, is to help develop a balanced industry for the People's Republic by exploring the best uses of the resources available in North Korea, and ultimately achieve a self-sufficient economy. Currently, the Hungnam Research Center is equipped with laboratories for the following basic researches:

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1. Basic chemical
2. Acetylene derivatives
3. Dyestuffs, gunpowder
4. Pitch, paint, natural organic-materials
5. Fertilizer, high-pressure synthesis
6. Inorganic drugs, including metal derivatives
7. Medical
8. Applied electrical technology

The center is currently engaged in the following research projects:

1. Synthetic soap
2. Manufacture of carbon tetrachloride
3. Synthetic rubber
4. Manufacture of ethylene dichloride
5. Manufacture of meta-acetaldehyde
6. Manufacture of sulfur dyes SBT
7. Dyestuffs for cotton fabrics
8. Vitamin B
9. Aniline
10. Manufacture of carbolic acid
11. Manufacture of waterproof paint, using mainly iron oxide
12. Manufacture of soap ingredients
13. Cosmetics
14. Development of electric insulating paint
15. Chemicals for mineral selection
16. Manufacture of active carbon
17. Iron-bismuth for ammonium oxide and platinum
18. Development work on methanol
19. Humidity-proof ammonium nitrate
20. Coke manufacture
21. Utilization of coke by-products as nitrogenous fertilizers
22. Extraction of potassium chloride from potassium ore having a high content of feldspar

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23. Manufacture of basic magnesium carbonate for the rubber industry
24. Coking peat
25. Manufacture of special flannel
26. Manufacture of special brick
27. Manufacture of special metal apparatus
28. Manufacture of "empire" cloth and silk
29. Manufacture of pressure punch "hwaipii" [?"YP"?]
30. Manufacture of special storage battery

The major accomplishments of the research center since June 1948 are as follow:

1. Research on the method of producing vanadium pentoxide for manufacturing contact-process sulfuric acid. The above method has been adopted by the Hungnam Fertilizer Plant.
2. Successful experiments on the use of manganese dioxide as substitute of potassium sulfate ... glacial acetic acid. The method has been adopted by the Ponkung Chemical Plant.
3. A good quality aspirin is being manufactured in quantity at the Ponkung Pharmaceutical Plant [39 52 N 127 34 E, NW of Hungnam] after research.
4. Manufacturing of DDT, mercurochrome, enameled electric wire.
5. Research on derivatives of benzene and naphthalene.
6. Research on processing of sulfuric acid.

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